

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

*Info. only - BS comp. 1981*

|              |  |
|--------------|--|
| Santa Fe     |  |
| Le           |  |
| SLM          |  |
| Land Office  |  |
| B of M       |  |
| Operator     |  |
| WELL API NO. |  |

Form C-105  
Revised 1-1-89

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                                                |                                  |                                                                |                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------|-----------------------------------------------------|
| 1a. Type of Well:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> Commingle                                                                      |                                  | 7. Lease Name or Unit Agreement Name<br>Pardue Farms 27 Btry / |                                                     |
| b. Type of Completion:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/> Commingle |                                  | 8. Well No.<br>4                                               |                                                     |
| 2. Name of Operator<br>Parker & Parsley Petroleum Company                                                                                                                                                                                      |                                  | 9. Pool name or Wildcat<br>S. Culebra Bluff (Bone Spring)      |                                                     |
| 3. Address of Operator<br>P. O. Box 3178, Midland, Texas 79702                                                                                                                                                                                 |                                  | JUN 07 '89                                                     |                                                     |
| 4. Well Location<br>Unit Letter <u>P</u> : <u>660</u> Feet From The <u>South</u> <u>Q. C. L. and</u> <u>660</u> Feet From The <u>East</u> Line<br>Section <u>27</u> Township <u>23-S</u> Range <u>28-E</u> NMPM <u>Eddy</u> County             |                                  |                                                                |                                                     |
| 10. Date Spudded<br>4-17-89                                                                                                                                                                                                                    | 11. Date T.D. Reached<br>4-20-89 | 12. Date Compl. (Ready to Prod.)<br>4-20-89                    | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3035' GL |
| 14. Elev. Casinghead                                                                                                                                                                                                                           | 15. Total Depth<br>7150'         |                                                                |                                                     |
| 16. Plug Back T.D.<br>7150'                                                                                                                                                                                                                    |                                  | 17. If Multiple Compl. How Many Zones?<br>2                    | 18. Intervals Drilled By<br>Rotary Tools<br>0-7150' |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>6272-7121                                                                                                                                                                 |                                  |                                                                | 20. Was Directional Survey Made<br>No               |
| 21. Type Electric and Other Logs Run<br>CBL                                                                                                                                                                                                    |                                  |                                                                | 22. Was Well Cored<br>No                            |

CASING RECORD (Report all strings set in well)

| CASING SIZE                                                      | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD     | AMOUNT PULLED |
|------------------------------------------------------------------|---------------|-----------|-----------|----------------------|---------------|
| 8 5/8                                                            | 24#           | 498'      | 12 1/4"   | 335 sx Cl C, 2% CaCl | Circ.         |
| 4 1/2                                                            | 10.5 & 11.60# | 7150'     | 7 7/8"    | 3 stages: 1st 475 sx | Cl C 50/50    |
| Poz. 2% gel & 6# slt. 2nd: 825 sx Lite 6# slt and                |               |           |           | 1/4# flocel & 100 sx | Cl C - Circ.  |
| 3rd: 1650 sx Hal Lite 8# slt, 1/4# flocel & 150 sx Cl H, 2% CaCl |               |           |           |                      | Circ.-Surf.   |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2 3/8         | 6431      |            |

|                                                                  |                                                 |                               |
|------------------------------------------------------------------|-------------------------------------------------|-------------------------------|
| 26. Perforation record (interval, size, and number)<br>6272-7121 | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                               |
|                                                                  | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED |
|                                                                  | 6272-7121                                       | None                          |

PRODUCTION

|                                                                    |                            |                                                                             |                        |                 |                   |                                             |                         |
|--------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------|------------------------|-----------------|-------------------|---------------------------------------------|-------------------------|
| 28. Date First Production<br>4/20/89                               |                            | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pump |                        |                 |                   | Well Status (Prod. or Shut-in)<br>Producing |                         |
| Date of Test<br>5-1-89                                             | Hours Tested<br>24         | Choke Size                                                                  | Prod'n For Test Period | Oil - Bbl.<br>2 | Gas - MCF<br>8    | Water - Bbl.<br>4                           | Gas - Oil Ratio<br>4000 |
| Flow Tubing Press.<br>30-50 psig                                   | Casing Pressure<br>50 psig | Calculated 24-Hour Rate                                                     | Oil - Bbl.<br>2        | Gas - MCF<br>8  | Water - Bbl.<br>4 | Oil Gravity - API - (Corr.)<br>42.0         |                         |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold |                            |                                                                             |                        |                 |                   | Test Witnessed By                           |                         |

30. List Attachments

Elec log & deviation survey submitted when well was initially drilled.

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Randy R. Johnson Printed Name Randy R. Johnson Title Oper. Engineer Date 6-6-89

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy \_\_\_\_\_ 460  
 T. Salt \_\_\_\_\_ 625  
 B. Salt \_\_\_\_\_  
 T. Yates \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_  
 T. Queen \_\_\_\_\_  
 T. Grayburg \_\_\_\_\_  
 T. San Andres \_\_\_\_\_  
 T. Glorieta \_\_\_\_\_  
 T. Paddock \_\_\_\_\_  
 T. Blinebry \_\_\_\_\_  
 T. Tubb \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_  
 T. Abo \_\_\_\_\_  
 T. Wolfcamp \_\_\_\_\_  
 T. Penn \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
 T. Strawn \_\_\_\_\_  
 T. Atoka \_\_\_\_\_  
 T. Miss \_\_\_\_\_  
 T. Devonian \_\_\_\_\_  
 T. Silurian \_\_\_\_\_  
 T. Montoya \_\_\_\_\_  
 T. Simpson \_\_\_\_\_  
 T. McKee \_\_\_\_\_  
 T. Ellenburger \_\_\_\_\_  
 T. Gr. Wash \_\_\_\_\_  
 T. Delaware Sand \_\_\_\_\_ 2650  
 T. Bone Springs \_\_\_\_\_ 6297  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_  
 T. Menefee \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_  
 T. Mancos \_\_\_\_\_  
 T. Gallup \_\_\_\_\_  
 Base Greenhorn \_\_\_\_\_  
 T. Dakota \_\_\_\_\_  
 T. Morrison \_\_\_\_\_  
 T. Todilto \_\_\_\_\_  
 T. Entrada \_\_\_\_\_  
 T. Wingate \_\_\_\_\_  
 T. Chinle \_\_\_\_\_  
 T. Permian \_\_\_\_\_  
 T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
 T. Penn. "C" \_\_\_\_\_  
 T. Penn. "D" \_\_\_\_\_  
 T. Leadville \_\_\_\_\_  
 T. Madison \_\_\_\_\_  
 T. Elbert \_\_\_\_\_  
 T. McCracken \_\_\_\_\_  
 T. Ignacio Otzte \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
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### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ 4900 \_\_\_\_\_ to \_\_\_\_\_ 7254 \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ 115 \_\_\_\_\_ to \_\_\_\_\_ 210 \_\_\_\_\_ feet \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To   | Thickness<br>in Feet | Lithology                                    | From | To | Thickness<br>in Feet | Lithology |
|------|------|----------------------|----------------------------------------------|------|----|----------------------|-----------|
| 0    | 460  | 460                  | Red shale & sand                             |      |    |                      |           |
| 460  | 625  | 165                  | Anhydrite & shale                            |      |    |                      |           |
| 625  | 2610 | 1785                 | Anhydrite & salt                             |      |    |                      |           |
| 2610 | 2650 | 40                   | Black limestone                              |      |    |                      |           |
| 2650 | 6297 | 3647                 | Massive sandstone & gray shales              |      |    |                      |           |
| 6297 | 7254 | 957                  | Limestone, carbonaceous shale<br>& siltstone |      |    |                      |           |